

ABSTRACT OF THE DISCLOSURE

Even if a layout of a facility is appropriate in the beginning, the layout may gradually become inappropriate with the passage of time. However, since the conventional
5 technologies can not automatically grasp the appropriateness of layout at present, there has been a problem that it is impossible to change the layout of the facility at an appropriate timing.

The appropriateness the facility is judged based on a
10 movement cost calculated using automatically measured a flow line of a moving body. In order to attain the object, the present invention comprises a flow line-measuring means for measuring the flow line of the moving body by detecting the moving body in an object to be monitored; a movement
15 cost-calculating means for calculating a cost expended on movement of the moving body, that is, a movement cost from the flow line information; and a movement cost-evaluating means for judging whether or not a cost calculated by the movement cost-calculating means is within a permissible
20 range.